## **WHAT IS CLAIMED IS:**

## 1. A compound of formula (I)

$$R_1$$
 $X$ 
 $N$ 
 $R_2$ 
 $I$ 
 $R_3$ 

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or a pharmaceutically acceptable salt or prodrug thereof, wherein

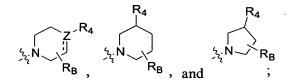
X is selected from the group consisting of O and NR<sub>A</sub>;

R<sub>A</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>1</sub> is selected from the group consisting of hydrogen, alkenyl, alkoxyalkyl, alkynyl, arylalkyl, cyanoalkyl, cycloalkyl, haloalkyl, and hydroxyalkyl;

R<sub>2</sub> is selected from the group consisting of aryl, arylalkyl, heteroaryl, and heteroarylalkyl;

R<sub>3</sub> is selected from the group consisting of



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R<sub>4</sub> is heteroaryl;

L is C<sub>1</sub>-C<sub>2</sub> alkylene substituted with 0 or 1 substituent selected from the group consisting of alkoxy, alkoxyamino, hydroxy, and hydroxyiminoaryl;

R<sub>B</sub> is selected from the group consisting of hydrogen and alkyl;

Z is selected from the group consisting of C, CH, and N; and

--- is absent or a single bond provided that when --- is a single bond then Z is

C.

2. The compound according to claim 1 wherein  $R_3$  is

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3. The compound according to claim 2 wherein

X is O;

R<sub>2</sub> is aryl;

Z is N;

--- is absent; and

R<sub>4</sub> is heteroaryl.

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4. The compound according to claim 2 wherein

X is O;

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

Z is N;

--- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

- 5. The compound according to claim 4 selected from the group consisting of (1E)-1-(3-chlorophenyl)-3-(4-pyridin-2-yl-piperazin-1-yl)propan-1-one Omethyloxime;
- 20 (1Z)-1-(3-chlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1E)-1-(4-chlorophenyl)-3-(4-pyridin-2-yl-piperazin-1-yl)propan-1-one Omethyloxime;
  - (1Z)-1-(4-chlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1E)-1-(4-fluorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone Omethyloxime;
  - (1Z)-1-(4-fluorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone Omethyloxime;
- 30 (1E)-1-(4-chlorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone Omethyloxime;
  - (1Z)-1-(4-chlorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone Omethyloxime;

- (1E)-1-(3,4-dimethylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- (1Z)-1-(3,4-dimethylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- 5 (1E)-1-(3-chloro-4-fluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime;
  - (1Z)-1-(3-chloro-4-fluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime;
  - (1E)-1-(3-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1Z)-1-(3-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1E)-1-(4-fluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- 15 (1Z)-1-(4-fluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1E)-1-(3,4-dichlorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone Omethyloxime;
- (1Z)-1-(3,4-dichlorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone O-20 methyloxime;
  - (1E)-1-(2-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Oethyloxime;
  - (1Z)-1-(2-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Oethyloxime;
- 25 (1E)-1-(2-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1Z)-1-(2-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
    - 3-[(1E)-N-methoxy-3-(4-pyridin-2-ylpiperazin-1-
- 30 yl)propanimidoyl]benzonitrile

- 3-[(1Z)-N-methoxy-3-(4-pyridin-2-ylpiperazin-1-yl)propanimidoyl]benzonitrile
- (1E)-1-(2,4-dichlorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone Omethyloxime;

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methyloxime;
                    (1E)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one oxime:
             (1Z)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one oxime;
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             1,5-diphenyl-2-[(4-pyridin-2-ylpiperazin-1-yl)methyl]pentane-1,5-dione
      dioxime;
             (1E)-1-phenyl-3-(4-pyrimidin-2-ylpiperazin-1-yl)propan-1-one oxime;
             (1Z)-1-phenyl-3-(4-pyrimidin-2-ylpiperazin-1-yl)propan-1-one oxime;
             1,5-diphenyl-2-[(4-pyrimidin-2-ylpiperazin-1-yl)methyl]pentane-1,5-dione
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      dioxime;
                    1-(4-fluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one
      oxime;
             (1E)-1-(4-chlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one oxime;
             (1E)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-ethyloxime;
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             (1Z)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-ethyloxime;
             (1E)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime;
             (1Z)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime;
             (1E)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-propyloxime;
             (1Z)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-propyloxime;
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             (1E)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-allyloxime;
             (1Z)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-allyloxime;
             (1E)-1-(3,5-difluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-
     methyloxime;
             (1Z)-1-(3,5-difluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-
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     methyloxime;
             ({[1-phenyl-3-(4-pyridin-2-ylpiperazin-1-
     yl)propylidene]amino}oxy)acetonitrile;
             1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-butyloxime;
             (1E)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-
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     isopropyloxime;
             (1E)-1-(3,5-dimethylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-
     methyloxime;
             (1Z)-1-(3,5-dimethylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-
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(1Z)-1-(2,4-dichlorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone O-

methyloxime;

- (1E)-1-(4-chloro-3-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime;
- (1Z)-1-(4-chloro-3-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime;
  - (1E)-1-(2-naphthyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone O-methyloxime;
  - (1Z)-1-(2-naphthyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone O-methyloxime;
- (1E)-1-(3-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Oethyloxime;
- (1Z)-1-(3-methylphenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Oethyloxime;
  - 1-(4-fluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-(2,2,2-trifluoroethyl)oxime;
  - 1-(4-chlorophenyl)-3-(methoxyamino)-2-[(4-pyridin-2-ylpiperazin-1-yl)methyl]propan-1-one O-methyloxime;
- 15 1-(4-chlorophenyl)-3-isopropoxy-2-[(4-pyridin-2-ylpiperazin-1-yl)methyl]propan-1-one O-methyloxime;

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- 1-(4-chlorophenyl)-2-methyl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- (1E)-1-(3,4-dichlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- (1Z)-1-(3,4-dichlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- (1E)-1-(2-chlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- 25 (1Z)-1-(2-chlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1E)-1-(2,4-dichlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- (1Z)-1-(2,4-dichlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-30 methyloxime;
  - (1E)-1-(4-bromophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1Z)-1-(4-bromophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;

- (1E)-1-(3-fluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- (1Z)-1-(3-fluorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
- 5 (1E)-1-(4-fluorophenyl)-2-(4-pyrimidin-2-ylpiperazin-1-yl)ethanone oxime;
  - (1Z)-1-(4-fluorophenyl)-2-(4-pyrimidin-2-ylpiperazin-1-yl)ethanone oxime;
  - (1E)-1-(4-fluorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone oxime;
  - (1Z)-1-(4-fluorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone oxime;
  - 2-{4-[(3E)-3-(hydroxyimino)-3-phenylpropyl]piperazin-1-yl}nicotinonitrile;
- 10 2-{4-[(3Z)-3-(hydroxyimino)-3-phenylpropyl]piperazin-1-yl}nicotinonitrile;
  - 1-phenyl-3-[4-(1,3-thiazol-2-yl)piperazin-1-yl]propan-1-one oxime;
  - 1-phenyl-3-(4-pyrimidin-2-ylpiperazin-1-yl)propan-1-one O-ethyloxime;
  - 1-phenyl-3-[4-(1,3-thiazol-2-yl)piperazin-1-yl]propan-1-one O-ethyloxime;
  - 3-[4-(3-methylpyridin-2-yl)piperazin-1-yl]-1-phenylpropan-1-one O-
- 15 ethyloxime;

- 2-{4-[3-(ethoxyimino)-3-phenylpropyl]piperazin-1-yl}nicotinonitrile;
- 2-{4-[3-(ethoxyimino)-3-(3-methylphenyl)propyl]piperazin-1-yl}nicotinonitrile;
- (1E)-1-(4-fluorophenyl)-2-[(2S)-2-methyl-4-pyridin-2-ylpiperazin-1-yllethanone O-methyloxime;
- (1Z)-1-(4-fluorophenyl)-2-[(2S)-2-methyl-4-pyridin-2-ylpiperazin-1-yl]ethanone O-methyloxime;
- (1E)-1-(4-chlorophenyl)-3-[(2S)-2-methyl-4-pyridin-2-ylpiperazin-1-yl]propan-1-one O-methyloxime;
- 25 (1Z)-1-(4-chlorophenyl)-3-[(2S)-2-methyl-4-pyridin-2-ylpiperazin-1-yl]propan-1-one O-methyloxime;
  - 1-(4-chlorophenyl)-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-(2-hydroxyethyl)oxime;
- (1E)-1-(4-chlorophenyl)-3-[4-(5-hydroxypyridin-2-yl)piperazin-1-yl]propan-30 1-one O-methyloxime;
  - (1Z)-1-(4-chlorophenyl)-3-[4-(5-hydroxypyridin-2-yl)piperazin-1-yl]propan-1-one O-methyloxime;
  - 1-(4-fluorophenyl)-2-[4-(5-hydroxypyridin-2-yl)piperazin-1-yl]ethanone Omethyloxime;

- (1E)-1-(4-chlorophenyl)-2-hydroxy-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime;
- (1Z)-1-(4-chlorophenyl)-2-hydroxy-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime;
- 5 (1E)-1-(4-chlorophenyl)-3-(4-pyrimidin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1Z)-1-(4-chlorophenyl)-3-(4-pyrimidin-2-ylpiperazin-1-yl)propan-1-one Omethyloxime;
  - (1E)-1-(4-chlorophenyl)-2-methoxy-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime; and
  - (1Z)-1-(4-chlorophenyl)-2-methoxy-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-methyloxime.
  - 6. The compound according to claim 2 wherein
- 15 X is O;

R<sub>2</sub> is arylalkyl;

Z is N;

--- is absent; and

R<sub>4</sub> is heteroaryl.

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- 7. The compound according to claim 2 wherein
  - X is O;

R<sub>2</sub> is arylalkyl wherein the arylalkyl is benzyl;

Z is N;

25 --- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

- 30 8. The compound according to claim 7 selected from the group consisting of (2E)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)acetone O-methyloxime; and (2Z)-1-phenyl-3-(4-pyridin-2-ylpiperazin-1-yl)acetone O-methyloxime.
  - 9. The compound according to claim 2 wherein

X is O;

R<sub>2</sub> is heteroaryl;

Z is N;

--- is absent; and

5  $R_4$  is heteroaryl.

10. The compound according to claim 2 wherein

X is O;

R<sub>2</sub> is heteroaryl wherein the heteroaryl is pyridin-3-yl;

10 Z is N;

--- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

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- 11. The compound according to claim 4 selected from the group consisting of (1E)-1-pyridin-3-yl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-
- methyloxime; and

(1Z)-1-pyridin-3-yl-3-(4-pyridin-2-ylpiperazin-1-yl)propan-1-one O-

20 methyloxime.

12. The compound according to claim 2 wherein

X is O;

R<sub>2</sub> is aryl;

25 Z is C;

--- is a single bond; and

R<sub>4</sub> is heteroaryl.

- 13. The compound according to claim 2 wherein
- 30 X is O;

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

Z is C;

--- is a single bond; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

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- 14. The compound according to claim 13 selected from the group consisting of 1-(4-fluorophenyl)-3-[4-(1,3-thiazol-2-yl)-3,6-dihydropyridin-1(2H)-yl]propan-1-one O-methyloxime;
- (1E)-1-(4-chlorophenyl)-2-[4-(1,3-thiazol-2-yl)-3,6-dihydropyridin-1(2H)-10 yl]ethanone O-methyloxime;
  - (1Z)-1-(4-chlorophenyl)-2-[4-(1,3-thiazol-2-yl)-3,6-dihydropyridin-1(2H)-yl]ethanone O-methyloxime;
  - (1E)-1-(4-chlorophenyl)-3-(3-methyl-3',6'-dihydro-2,4'-bipyridin-1'(2'H)-yl)propan-1-one O-methyloxime; and
- 15 (1Z)-1-(4-chlorophenyl)-3-(3-methyl-3',6'-dihydro-2,4'-bipyridin-1'(2'H)-yl)propan-1-one O-methyloxime.
  - 15. The compound according to claim 2 wherein

X is O;

 $R_2$  is aryl;

Z is CH;

--- is absent; and

R<sub>4</sub> is heteroaryl.

25 16. The compound according to claim 2 wherein

X is O;

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

30 Z is CH;

--- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

- 17. The compound according to claim 16 selected from the group consisting of (1E)-1-(4-chlorophenyl)-3-(4-pyridin-2-ylpiperidin-1-yl)propan-1-one Omethyloxime;
- 5 (1Z)-1-(4-chlorophenyl)-3-(4-pyridin-2-ylpiperidin-1-yl)propan-1-one Omethyloxime;
  - 2-{1-[(3E)-3-(4-chlorophenyl)-3-(methoxyimino)propyl]piperidin-4-yl}pyridinium N-oxide;
- 2-{1-[(3Z)-3-(4-chlorophenyl)-3-(methoxyimino)propyl]piperidin-4-10 yl}pyridinium N-oxide;
  - 2-{1-[(2E)-2-(4-fluorophenyl)-2-(methoxyimino)ethyl]piperidin-4-yl}pyridinium N-oxide; and
  - 2-{1-[(2Z)-2-(4-fluorophenyl)-2-(methoxyimino)ethyl]piperidin-4-yl}pyridinium N-oxide.

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18. The compound according to claim 2 wherein

X is NRA;

 $R_2$  is aryl;

Z is N;

20 --- is absent; and

R<sub>4</sub> is heteroaryl.

19. The compound according to claim 2 wherein

X is NR<sub>A</sub>;

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

Z is N;

--- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

- 20. The compound according to claim 19 that is 1-(4-fluorophenyl)-2-(4-pyridin-2-ylpiperazin-1-yl)ethanone methylhydrazone.
- 21. The compound according to claim 2 wherein

5  $X \text{ is } NR_A;$ 

R<sub>2</sub> is aryl;

Z is CH;

--- is absent; and

R<sub>4</sub> is heteroaryl.

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22. The compound according to claim 2 wherein

X is NR<sub>A</sub>;

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

Z is CH;

--- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl,

- 20 pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.
  - 23. The compound according to claim 22 that is 1-(4-fluorophenyl)-2-(4-pyridin-2-ylpiperidin-1-yl)ethanone methylhydrazone.
- 25 24. The compound according to claim 1 wherein  $R_3$  is



25. The compound according to claim 24 wherein

R<sub>2</sub> is aryl; and

30 R<sub>4</sub> is heteroaryl.

26. The compound according to claim 24 wherein

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R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

- 27. The compound according to claim 26 selected from the group consisting of 1-(4-fluorophenyl)-3-[3-(1,3-thiazol-2-yl)piperidin-1-yl]propan-1-one Omethyloxime;
  - 1-(4-fluorophenyl)-3-[3-(1,3-thiazol-2-yl)piperidin-1-yl]propan-1-one Oethyloxime;
  - 1-(4-fluorophenyl)-3-(3-pyridin-2-ylpiperidin-1-yl)propan-1-one Omethyloxime;
  - 1-(4-chlorophenyl)-3-(3-pyridin-2-ylpiperidin-1-yl)propan-1-one Omethyloxime;
  - (1E)-1-(4-chlorophenyl)-3-[3-(1,3-thiazol-2-yl)piperidin-1-yl]propan-1-one Omethyloxime;
  - (1Z)-1-(4-chlorophenyl)-3-[3-(1,3-thiazol-2-yl)piperidin-1-yl]propan-1-one Omethyloxime;
    - 2-{1-[2-(4-fluorophenyl)-2-(methoxyimino)ethyl]piperidin-3-ylpyridinium Noxide; and
- 2-{1-[3-(4-fluorophenyl)-3-(methoxyimino)propyl]piperidin-3-yl}pyridinium 25 N-oxide.
  - 28. The compound according to claim 1 wherein  $R_3$  is

30 29. The compound according to claim 28 wherein

R<sub>2</sub> is aryl; and

R<sub>4</sub> is heteroaryl.

30. The compound according to claim 28 wherein

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R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

- 10 31. The compound according to claim 30 selected from the group consisting of (1E)-1-(4-fluorophenyl)-3-(3-pyrazin-2-ylpyrrolidin-1-yl)propan-1-one Omethyloxime;
  - (1Z)-1-(4-fluorophenyl)-3-(3-pyrazin-2-ylpyrrolidin-1-yl)propan-1-one Omethyloxime;
- 15 (1E)-1-(4-fluorophenyl)-2-(3-pyrazin-2-ylpyrrolidin-1-yl)ethanone Omethyloxime;
  - (1Z)-1-(4-fluorophenyl)-2-(3-pyrazin-2-ylpyrrolidin-1-yl)ethanone Omethyloxime;
    - (1E)-1-(4-fluorophenyl)-3-(3-pyrazin-2-ylpyrrolidin-1-yl)propan-1-one oxime;
    - (1Z)-1-(4-fluorophenyl)-3-(3-pyrazin-2-ylpyrrolidin-1-yl)propan-1-one oxime; and
      - (1Z)-1-(4-fluorophenyl)-2-(3-pyrazin-2-ylpyrrolidin-1-yl)ethanone oxime.
- 32. A pharmaceutical composition comprising a therapeutically effective amount
   of a compound of formula (I) in combination with a pharmaceutically acceptable carrier.
  - 33. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt or prodrug thereof in combination with a pharmaceutically acceptable carrier.
  - 34. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of

formula (I) or a pharmaceutically acceptable salt or prodrug thereof in combination with a phosphodiesterase 5 inhibitor.

- 35. A method of treating sexual dysfunction in a mammal comprising
  5 administering to the mammal a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt or prodrug thereof in combination with an adrenergic receptor antagonist.
- 36. A method of treating sexual dysfunction in a mammal comprising
   10 administering to the mammal a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt or prodrug thereof in combination with a dopamine agonist.
- 37. A method of treating male erectile dysfunction in a mammal comprising
  administering to the mammal in need of such treatment a therapeutically effective
  amount of a compound of formula (I) or a pharmaceutically acceptable salt or prodrug
  thereof.
- 38. A method of treating female sexual dysfunction in a mammal comprising
  20 administering to the mammal in need of such treatment a therapeutically effective
  amount of a compound of formula (I) or a pharmaceutically acceptable salt or prodrug
  thereof.
- 39. A method of treating cardiovascular disorders, inflammatory disorders, attention deficit hyperactivity disorder, Alzheimer's disease, drug abuse, Parkinson's disease, schizophrenia, anxiety, mood disorders or depression in a mammal comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt or prodrug thereof.

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40. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (Ia)

$$\begin{matrix} R_1 \\ X \\ N \\ R_2 \end{matrix} \qquad \begin{matrix} N \\ I \end{matrix} \qquad \begin{matrix} R_3 \end{matrix}$$

or a pharmaceutically acceptable salt or prodrug thereof, wherein

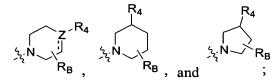
X is selected from the group consisting of O and NR<sub>A</sub>;

R<sub>A</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>1</sub> is selected from the group consisting of hydrogen, alkenyl, alkoxyalkyl, alkynyl, arylalkyl, cyanoalkyl, cycloalkyl, haloalkyl, and hydroxyalkyl;

R<sub>2</sub> is selected from the group consisting of aryl, arylalkyl, heteroaryl, and heteroarylalkyl;

R<sub>3</sub> is selected from the group consisting of



R<sub>4</sub> is heteroaryl;

L is alkylene substituted with 0 or 1 substituent selected from the group consisting of alkoxy, alkoxyamino, hydroxy, and hydroxyiminoaryl;

R<sub>B</sub> is selected from the group consisting of hydrogen and alkyl;

Z is selected from the group consisting of C, CH, and N; and

--- is absent or a single bond provided that when --- is a single bond then Z is

- or a pharmaceutically acceptable salt or prodrug thereof in combination with a pharmaceutically acceptable carrier.
  - 41. The method according to claim 40 wherein R<sub>3</sub> is

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C;

42. The method according to claim 41 wherein X is O;

Z is N; --- is absent; and R<sub>4</sub> is heteroaryl. 5 43. The method according to claim 41 wherein X is O; R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently 10 selected from the group consisting of alkyl, cyano, and halogen; Z is N; --- is absent; and R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, 15 pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl. 44. The method according to claim 43 where the compound of formula Ia is selected from the group consisting of (1E)-1-(4-fluorophenyl)-4-(4-pyridin-2ylpiperazin-1-yl)butan-1-one oxime; 20 (1Z)-1-(4-fluorophenyl)-4-(4-pyridin-2ylpiperazin-1-yl)butan-1-one oxime; (1E)-1-(4-fluorophenyl)-4-(4-pyridin-2ylpiperazin-1-yl)butan-1-one methyloxime; and (1E)-1-(4-fluorophenyl)-4-(4-pyridin-2ylpiperazin-1-yl)butan-1-one methyloxime. 25 45. The method according to claim 41 wherein X is O; R<sub>2</sub> is arylalkyl; Z is N; 30 --- is absent; and R<sub>4</sub> is heteroaryl. 46. The method according to claim 41 wherein X is O;

R<sub>2</sub> is aryl;

R<sub>2</sub> is arylalkyl wherein the arylalkyl is benzyl; Z is N; --- is absent; and R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of 5 pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl. 47. The method according to claim 41 wherein X is O; 10 R<sub>2</sub> is heteroaryl; Z is N; --- is absent; and R<sub>4</sub> is heteroaryl. 15 The method according to claim 41 wherein 48. X is O;  $R_2$  is heteroaryl wherein the heteroaryl is pyridin-3-yl; Z is N; --- is absent; and 20 R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl. 49. The method according to claim 41 wherein 25 X is O; R<sub>2</sub> is aryl; Z is C; --- is a single bond; and R<sub>4</sub> is heteroaryl. 30

The method according to claim 41 wherein

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X is O;

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

Z is C;

5 --- is a single bond; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

10 51. The method according to claim 41 wherein

X is O;

R<sub>2</sub> is aryl;

Z is CH;

--- is absent; and

15 R<sub>4</sub> is heteroaryl.

52. The method according to claim 41 wherein

X is O;

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

Z is CH;

--- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

53. The method according to claim 41 wherein

X is NRA;

 $R_2$  is aryl;

Z is N;

--- is absent; and

R<sub>4</sub> is heteroaryl.

54. The method according to claim 41 wherein

X is NRA;

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

Z is N;

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--- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl,

10 pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

55. The method according to claim 41 wherein

X is NRA;

R<sub>2</sub> is aryl;

15 Z is CH;

--- is absent; and

R<sub>4</sub> is heteroaryl.

56. The method according to claim 41 wherein

20  $X \text{ is } NR_A;$ 

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen;

Z is CH;

25 --- is absent; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

30 57. The method according to claim 41 wherein  $R_3$  is

- 58. The method according to claim 57 wherein R<sub>2</sub> is aryl; and
  - R<sub>4</sub> is heteroaryl.

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59. The method according to claim 57 wherein

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen; and

10 R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

60. The method according to claim 40 wherein R<sub>3</sub> is

Y<sub>2</sub> N R<sub>B</sub>

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- 61. The method according to claim 60 wherein
  - R<sub>2</sub> is aryl; and
  - R<sub>4</sub> is heteroaryl.

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62. The method according to claim 60 wherein

 $R_2$  is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen; and

R<sub>4</sub> is heteroaryl wherein the heteroaryl is selected from the group consisting of pyrazin-2-yl, 3-cyanopyridin-2-yl, 5-hydroxypyridin-2-yl, 3-methylpyridin-2-yl, pyridin-2-yl, 2-pyridinium N-oxide, pyrimidin-2-yl, and thiazol-2-yl.

63. A pharmaceutical composition comprising a therapeutically effective amount of a compound of formula (Ia) in combination with a pharmaceutically acceptable carrier.

64. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt or prodrug thereof in combination with a pharmaceutically acceptable carrier.

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65. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (Ia) or a pharmaceutically acceptable salt or prodrug thereof in combination with a phosphodiesterase 5 inhibitor.

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66. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (Ia) or a pharmaceutically acceptable salt or prodrug thereof in combination with an adrenergic receptor antagonist.

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67. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (Ia) or a pharmaceutically acceptable salt or prodrug thereof in combination with a dopamine agonist.

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68. A method of treating male erectile dysfunction in a mammal comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (Ia or a pharmaceutically acceptable salt or prodrug thereof.

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69. A method of treating female sexual dysfunction in a mammal comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (Ia) or a pharmaceutically acceptable salt or prodrug thereof.

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70. A method of treating cardiovascular disorders, attention deficit hyperactivity disorder, Alzheimer's disease, drug abuse, Parkinson's disease, schizophrenia, anxiety, mood disorders or depression in a mammal comprising administering to the mammal

in need of such treatment a therapeutically effective amount of a compound of formula (Ia) or a pharmaceutically acceptable salt or prodrug thereof.

## 71. A compound of formula (II)

$$\begin{array}{c}
R_1 \\
X \\
N \\
R_2
\end{array}$$
(II)

or a pharmaceutically acceptable salt or prodrug thereof, wherein

X is selected from the group consisting of O and NR<sub>A</sub>;

R<sub>A</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>1</sub> is selected from the group consisting of hydrogen, alkenyl, alkoxyalkyl, alkyl, alkynyl, arylalkyl, cyanoalkyl, cycloalkyl, haloalkyl, and hydroxyalkyl;

R<sub>2</sub> is selected from the group consisting of aryl, arylalkyl, heteroaryl, and heteroarylalkyl;

R<sub>3</sub> is selected from the group consisting of

$$\langle x_i \rangle$$
  $\langle x_i \rangle$   $\langle x_$ 

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R<sub>4</sub> is aryl;

L is alkylene substituted with 0 or 1 substituent selected from the group consisting of alkoxy, alkoxyamino, hydroxy, and hydroxyiminoaryl; and

R<sub>B</sub> is selected from the group consisting of hydrogen and alkyl.

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72. The compound according to claim 70 wherein  $R_3$  is

- 73. The compound according to claim 72 wherein
- $R_2$  is aryl; and

R<sub>4</sub> is aryl.

74. The compound according to claim 72 wherein

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen; and

5 R<sub>4</sub> is aryl wherein the aryl is phenyl substituted with 0 or 1 substituent selected from the group consisting of alkoxy, cyano, and haloalkyl.

- 75. The compound according to claim 74 selected from the group consisting of (1E)-1-(4-fluorophenyl)-3-{3-[3-(trifluoromethyl)phenyl]pyrrolidin-1-
- 10 yl}propan-1-one O-methyloxime;

(1Z)-1-(4-fluorophenyl)-3-{3-[3-(trifluoromethyl)phenyl]pyrrolidin-1-yl}propan-1-one O-methyloxime;

1-(4-fluorophenyl)-3-[3-(2-methoxyphenyl)pyrrolidin-1-yl]propan-1-one Omethyloxime;

15 (1E)-1-(4-fluorophenyl)-3-[3-(3-methoxyphenyl)pyrrolidin-1-yl]propan-1-one O-methyloxime;

(1Z)-1-(4-fluorophenyl)-3-[3-(3-methoxyphenyl)pyrrolidin-1-yl]propan-1-one O-methyloxime;

(1E)-1-(4-fluorophenyl)-3-[3-(4-methoxyphenyl)pyrrolidin-1-yl]propan-1-one O-methyloxime; and

(1Z)-1-(4-fluorophenyl)-3-[3-(4-methoxyphenyl)pyrrolidin-1-yl]propan-1-one O-methyloxime.

76. The compound according to claim 70 wherein R<sub>3</sub> is



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77. The compound according to claim 76 wherein

 $R_2$  is aryl; and

R<sub>4</sub> is aryl.

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78. The compound according to claim 76 wherein

R<sub>2</sub> is aryl wherein the aryl is selected from the group consisting of naphthyl and phenyl wherein the phenyl is substituted with 0, 1, or 2 substituents independently selected from the group consisting of alkyl, cyano, and halogen; and

R<sub>4</sub> is aryl wherein the aryl is phenyl substituted with 0 or 1 substituent selected from the group consisting of alkoxy, cyano, and haloalkyl.

79. The compound according to claim 78 selected from the group consisting of 1-(4-fluorophenyl)-3-(3-phenylpiperidin-1-yl)propan-1-one O-methyloxime; 1-phenyl-3-(3-phenylpiperidin-1-yl)propan-1-one O-methyloxime; and 1-(4-chlorophenyl)-3-(3-phenylpiperidin-1-yl)propan-1-one O-methyloxime.

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- 80. A pharmaceutical composition comprising a therapeutically effective amount of a compound of formula (II) in combination with a pharmaceutically acceptable carrier.
- 81. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (II) or a pharmaceutically acceptable salt or prodrug thereof in combination with a pharmaceutically acceptable carrier.
- 82. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (II) or a pharmaceutically acceptable salt or prodrug thereof in combination with a phosphodiesterase 5 inhibitor.
- 83. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (II) or a pharmaceutically acceptable salt or prodrug thereof in combination with an adrenergic receptor antagonist.
- 84. A method of treating sexual dysfunction in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of formula (II) or a pharmaceutically acceptable salt or prodrug thereof in combination with a dopamine agonist.

- 85. A method of treating male erectile dysfunction in a mammal comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (II) or a pharmaceutically acceptable salt or prodrug thereof.
- 86. A method of treating female sexual dysfunction in a mammal comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (II) or a pharmaceutically acceptable salt or prodrug thereof.
- 87. A method of treating cardiovascular disorders, attention deficit hyperactivity disorder, Alzheimer's disease, drug abuse, Parkinson's disease, schizophrenia, anxiety, mood disorders or depression in a mammal comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (II) or a pharmaceutically acceptable salt or prodrug thereof.
- 88. A method of treating sexual dysfunction in a mammal comprising administering to said mammal in need of such treatment a therapeutically effective amount of a compound of formula (III)

$$\begin{array}{c} R_1 \\ X \\ N \\ R_2 \\ \end{array}$$

$$(III)$$

or a pharmaceutically acceptable salt or prodrug thereof, wherein

X is selected from the group consisting of O and NR<sub>A</sub>;

25 R<sub>A</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>1</sub> is selected from the group consisting of hydrogen, alkenyl, alkoxyalkyl, alkyl, arylalkyl, cyanoalkyl, cycloalkyl, haloalkyl, and hydroxyalkyl;

R<sub>2</sub> is selected from the group consisting of aryl, arylalkyl, heteroaryl, and heteroarylalkyl;

 $R_3$  is

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R<sub>4</sub> is aryl;

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L is alkylene substituted with 0 or 1 substituent selected from the group consisting of alkoxy, alkoxyamino, hydroxy, and hydroxyiminoaryl;

R<sub>B</sub> is selected from the group consisting of hydrogen and alkyl;

Z is selected from the group consisting of C and CH; and

--- is absent or a single bond provided that when Z is C then --- is a single bond.

- 10 89. A pharmaceutical composition comprising a therapeutically effective amount of a compound of formula (III) in combination with a pharmaceutically acceptable carrier.
- 90. A method of treating sexual dysfunction in a mammal comprising
  15 administering to the mammal a therapeutically effective amount of a compound of formula (III) or a pharmaceutically acceptable salt or prodrug thereof in combination with a pharmaceutically acceptable carrier.
- 91. A method of treating sexual dysfunction in a mammal comprising
  20 administering to the mammal a therapeutically effective amount of a compound of formula (III) or a pharmaceutically acceptable salt or prodrug thereof in combination with a phosphodiesterase 5 inhibitor.
- 92. A method of treating sexual dysfunction in a mammal comprising
  25 administering to the mammal a therapeutically effective amount of a compound of formula (III) or a pharmaceutically acceptable salt or prodrug thereof in combination with an adrenergic receptor antagonist.
- 93. A method of treating sexual dysfunction in a mammal comprising
  30 administering to the mammal a therapeutically effective amount of a compound of formula (III) or a pharmaceutically acceptable salt or prodrug thereof in combination with a dopamine agonist.

94. A method of treating male erectile dysfunction in a mammal comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (III) or a pharmaceutically acceptable salt or prodrug thereof.

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- 95. A method of treating female sexual dysfunction in a mammal comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (III) or a pharmaceutically acceptable salt or prodrug thereof.
- 96. A method of treating cardiovascular disorders, inflammatory disorders, attention deficit hyperactivity disorder, Alzheimer's disease, drug abuse, Parkinson's disease, schizophrenia, anxiety, mood disorders or depression in a mammal
  15 comprising administering to the mammal in need of such treatment a therapeutically effective amount of a compound of formula (III) or a pharmaceutically acceptable salt or prodrug thereof.